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APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/054,515	10/22/2001		Krishnaswamy Ramkumar	CY 0025	4777
75	590	11/06/2002			
Bradley T. Sako				EXAMINER	
WALKER & SAKO, LLP Suite 235				KILDAY, LISA A	
300 South First	Street			[
San Jose, CA 95113				ART UNIT	PAPER NUMBER
ŕ				2829	1
				DATE MAILED: 11/06/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

		A A	/_				
•	Application No.	Applicant(s)					
	10/054,515	RAMKUMAR, KRISHNASWAMY					
Office Action Summary	Examiner	Art Unit					
	Lisa A Kilday	2829					
The MAILING DATE of this communic	ation appears on the cover sheet v	vith the correspondence address					
Period for Reply A SHORTENED STATUTORY PERIOD FO THE MAILING DATE OF THIS COMMUNIC - Extensions of time may be available under the provisions of after SIX (6) MONTHS from the mailing date of this communication of the period for reply specified above, the maximum statused in the period for reply is specified above, the maximum statused in the period for reply within the set or extended period for reply within the	ATION. 37 CFR 1.136(a). In no event, however, may a nication. days, a reply within the statutory minimum of the statutory period will apply and will expire SIX (6) MG ill, by statute, cause the application to become are the mailing date of this communication, even	a reply be timely filed irty (30) days will be considered timely. INTHS from the mailing date of this communication. ABANDONED (35 U.S.C. § 133).					
1) Responsive to communication(s) file							
 /	b) This action is non-final.	attors, prospection as to the merits is					
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims							
4)⊠ Claim(s) <u>1-6</u> is/are pending in the app	plication.						
4a) Of the above claim(s) 7-20 is/are v							
5) Claim(s) is/are allowed.							
6)⊠ Claim(s) <u>1-6</u> is/are rejected.							
7) Claim(s) is/are objected to.							
8) Claim(s) are subject to restricti	ion and/or election requirement.						
Application Papers							
9) The specification is objected to by the		, the Eveniner					
10) The drawing(s) filed on is/are: a Applicant may not request that any obje							
11) The proposed drawing correction filed							
If approved, corrected drawings are requ		disapproved by the Examinor.					
12) The oath or declaration is objected to							
Priority under 35 U.S.C. §§ 119 and 120	oy and Examinen						
13) Acknowledgment is made of a claim t	for foreign priority under 35 U.S.C	: 8 119(a)-(d) or (f)					
a) ☐ All b) ☐ Some * c) ☐ None of:	or foreign phoney under oo o.o.c	. 3 1 10(a) (a) o. (i).					
	locuments have been received						
	1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No.						
_ , , ,	2. Certified copies of the priority documents have been received in Application No3. Copies of the certified copies of the priority documents have been received in this National Stage						
	ational Bureau (PCT Rule 17.2(a)).					
14) Acknowledgment is made of a claim fo	r domestic priority under 35 U.S.	C. § 119(e) (to a provisional application	1).				
a) ☐ The translation of the foreign land							
Attachment(s)							
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO) Information Disclosure Statement(s) (PTO-1449) Patent and Trademark Office.	TO-948) 5) Notice	ew Summary (PTO-413) Paper No(s) of Informal Patent Application (PTO-152)					

U.S. Patent and Trademark Office PTO-326 (Rev. 04-01)

Art Unit: 2829

Election/Restrictions

Applicant's election with traverse of Species I in Paper No. 3 is acknowledged. The traversal is on the ground(s) that the species are not independent and distinct. This is not found persuasive because examiner provided figures for Species I: method of forming an EEPROM (fig. 1&2) and Species II: method of forming a SONOS device (fig. 3, 4F, 6, 7). The specification clearly points out a first and second embodiment on pg. 10 lines 3-4 and pg. 10 lines 10-22. The first embodiment found in figure 2 is an EEPROM device. The second embodiment found in figure 3 is a SONOS device. Examiner will examine claims 1-6 drawn to a method of forming an EEPROM.

The requirement is still deemed proper and is therefore made FINAL.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Miner et al. ("Miner" 6,114,258). In re claim 1, Miner discloses in figures 1-3 a method of forming a plurality of semiconductor device layers, comprising the steps of: forming an oxide layer (120) by reacting hydrogen and oxygen on a surface of an insulating layer deposited over a wafer (col. 5 lines 6-25); and forming a conductive gate layer over the oxide layer (110, col. 1 lines 62-67).

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In re claim 2, Miner discloses the reacting of Hydrogen and Oxygen is performed at a wafer temperature in about 800-1300C (col. 8 lines 15-20).

In re claim 3, Miner discloses that the oxide layer has a thickness of 20-60 Å (fig. 8a-b, col. 10 lines 9-52).

In re claim 4, Miner discloses the reacting of Hydrogen and Oxygen on the wafer surface has a duration in the range of 30 s. to 2 min (fig. 8a-b, col. 10 lines 9-52).

In re claim 5, Miner discloses the reacting of Hydrogen and Oxygen on the wafer surface has a duration of approximately 1 minute (col. 10 line 40).

In re claim 6, Miner discloses that the conductive gate includes polysilicon (col. 1 lines 14-16 and lines 59-65).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yu (6,323,143).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 308-0957. See MPEP 203.08.

Any inquiry concerning this communication from the examiner should be directed to Lisa Kilday whose telephone number is (703) 306-5728. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo, can be reached on (703) 308-1233. The fax number for the group is (703) 305-3432. MPEP 502.01 contains instructions regarding procedures used in submitting responses by facsimile transmission.

Lisa Kilday

LAK

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10/30/02